Docket 6037-03

Abstract of the Invention

Method and system for audio synthesis of a digital data file representing an assembly of information-bearing sounds in digital form. One or more spaced apart data segments are designated as key blocks and are removed from the original data file. The remainder of the data file is encrypted or otherwise encoded and communicated to a selected recipient on a first channel. Locations, sizes and separation distances of key blocks from each other within the original data file and a selected portion of the encoding or encryption key are placed in a data supplement. The removed segments and data supplement (optional) are communicated to the selected recipient on a second channel and/or at another time. The original data file is recovered by using the data supplement information, or using already available information, decoding or decrypting the encoded or encrypted data file and replacing the removed segments within the data file remainder. Neither the remainder data file nor the removed segments plus data supplement is sufficient, by itself, to allow reproduction of the original data file. Each of the remainder data file and the removed segments plus data supplement can be distributed separately and subsequently combined when authorization or license to reproduce the sounds has been obtained.